



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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June 16, 1986

TO: File

FROM: Tom Munson *TM*

RE: Site Inspection of Gabion Structures & RipRap on Embankment of Pond "B" for Abatement of Violations N85-4-26-3 (1 of 3) and N85-4-26-3 (2 of 3), Bear Canyon Mine, COOP Mining Company, ACT/015/025, File #7, NOV 85-4-26-3 (2 of 3)

On June 10, 1986, at 3:00 pm, I met with Mel Coonrod at the Bear Canyon Mine to inspect the installation of small riprap on the embankment of sediment pond "B" and the construction of gabion structures. Unfortunately, I was unable to oversee the construction of the gabion structures in Bear Creek because I was out of town at the time of construction. The gabions as they are currently constructed appear to meet the minimum requirements of the construction plans. Filter cloth instead of a filter gravel blanket was used to underline the structures. Since I was not on site to inspect the construction, photos were taken by Mel Coonrod, showing construction procedures.

I could not visually ascertain if the design requirements of the construction plans were strictly adhered to, therefore erosion associated with a storm event of sufficient magnitude may cause gabion failure.

It was requested that additional rock be placed downstream of the third structure and that Mr. Coonrod would take care of this immediately.

NOV 85-4-26-3 (1 of 3)

Mr. Coonrod installed 1" minus gravel between the larger rocks on the embankment of sediment pond "B" to fill in the voids between the 12" plus riprap currently in place on the embankment. This also appears to meet the minimum requirements of the original design requirements of 12-inch plus well-graded riprap.

Recommended Actions

In summary, I recommend that NOV 85-4-26-3 (1 of 3 and 2 of 3) be terminated.

djh

Copy: Tom Wright, John Whitehead and Joe Helfrich
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